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# ***OAR Box 1192***

*Prepped by Candice Davis*

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***Docket Number:***

**A-90-16**

PETE CORPSTEIN  
DISTRICT 24

STATE SENATOR  
THIRTY-NINTH LEGISLATURE

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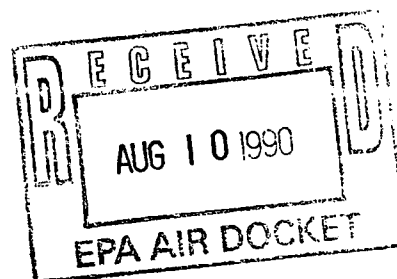


## Arizona State Senate

Phoenix, Arizona

August 2, 1990

A-90-16  
IV-D-110  
COMMITTEES:  
TRANSPORTATION, CHAIRMAN  
COMMERCE, LABOR, INSURANCE &  
BANKING  
FINANCE  
JUDICIARY



The Honorable William F. Reilly  
Administrator  
Environmental Protection Agency  
401 M Street  
Washington, DC 20406

Dear Mr. Reilly:

Arizona is under a mandate from your agency to improve our air quality. As Chairman of the Senate Transportation Committee having cognizant jurisdiction over this area of concern, my Committee has taken this responsibility to heart and Arizona is making progress. I also served as Chairman of the Joint Select Committee on Oxygenated Fuels which lead to the nations first legislatively mandated oxygenated fuel program. (Denver's oxygenated fuel program came about by action of a non-legislative board.)

I am informed that a product known as HiTEC 3000 from the Ethyl Corporation holds promise of contributing to emission reduction. Since the largest source of air pollution in this state results from vehicle exhaust emissions, I would support fuel additives which reduce such pollution and urge that your Agency give prompt consideration and evaluation of this product.


It is my understanding that HiTEC 3000 has the capability of lowering Reid Vapor Pressure. I have been espousing lower RVP for a wintertime pollution control. A 1985 SAE technical paper #852132 is quite enlightening. In the fall of 1987 my staff and I met with some officials and engineers at the General Motors Proving Ground in Mesa. At that time I asked General Motors if they had any information regarding lower Reid Vapor Pressure as a carbon monoxide reduction strategy. I pointed out that we had never had a carbon monoxide violation when we had 9 lb. Reid Vapor Pressure being used in Maricopa County. They commented that cars in Maricopa County could run in the wintertime on 9 lb. RVP. They did some digging and found the SAE bulletin which lead to Joe Calhoun's presentation given at the University of Arizona

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Air Quality Symposium in December of 1987. The enclosed graph from that presentation shows the effect of lower Reid Vapor Pressure on automobile exhaust.

For the last year I have been collecting data on a monthly basis from all major oil companies regarding the Reid Vapor Pressure of gasoline shipped into Maricopa County. I believe the EPA is now on the right track in looking at reduced Reid Vapor Pressure as a wintertime air quality strategy. Any additive that can reduce RVP will be a plus for clean air and hope you will expedite the studies on this new product, HiTEC 3000.

Sincerely,



PETE CORPSTEIN  
State Senator

PC/jy  
Enc.